Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 13 Dec 2022 until 23:59 on Wednesday 14 Dec 2022

Forecast Issued on Tuesday 13 Dec 2022 at 03:46

Confidence: High, but Medium for cloud and low for any snow details from Thursday.

Headline for Tuesday 13 Dec 2022: Mist and freezing fog clearing. Bright or clear spells later.

Mountain weather hazards on Tuesday 13 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
<05%	<05%	<05%	00%	00%	00%

Forecast for Tuesday 13 Dec 2022

Weather: Low cloud, mist and freezing fog early morning. This should begin to lift and break by around midday, some bright or sunny spells through the afternoon then clear spells in the evening. Widespread frost throughout.

Chance of cloud-free hill tops above 600m: 30% rising to 70% in the afternoon.

Low cloud and visibility: Extensive cloud, base surface to 300m, lifting and breaking by the afternoon. Visibility poor or very poor becoming moderate or good in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 13 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/16 SE	8/12 SE	7/10 SE	8/10 E	10/15 E	12/17 NE	12/17 NE
300	4/5 N	4/5 NE	5/7 E	5/9 E	6/12 NE	8/16 NE	7/13 NE
Valley	3/6 E	4/7 E	3/6 E	5/10 E	8/18 E	9/20 E	5/15 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-8	-3/-7	-3/-7	-4/-8	-5/-10	-5/-11	-5/-10
300	-1/-3	-1/-3	-0/-3	-1/-4	-2/-6	-3/-7	-3/-7
Valley	-0/-2	-0/-2	1/-1	-0/-3	-2/-6	-2/-7	-3/-6
Freezing Level*	100m	100m	100m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Surfaces frozen throughout, perhaps thawing on any sunny slopes for a short time around the middle of the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 13 Dec 2022	0.2mm	0.4mm	1.2mm

Forecast for Wednesday 14 Dec 2022

Weather: Small chance of some mist and freezing fog in the valleys. Mainly dry with sunny or clear spells. However, the odd snow shower is possible. Widespread frost throughout.

Maximum wind: North or Northeast 20 to 25mph, gusting 35mph with a severe wind chill.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Generally no significant cloud expected, but occasional, bases 600m or less, in any snow showers. Visibility very good, except in any mist, freezing fog or snow.

Temperature: **Valleys:** Minus 5 rising to Zero Celsius around the middle of the day.
At 600m: Minus 3 to Minus 6 Celsius
Freezing level: All levels

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